

Title (en)

LIQUID INFLOW DETECTION CONTROL METHOD AND ELECTRONIC DEVICE

Title (de)

VERFAHREN ZUR STEUERUNG DER FLÜSSIGKEITZUFLUSSDETEKTION UND ELEKTRONISCHE VORRICHTUNG

Title (fr)

PROCÉDÉ DE COMMANDE DE DÉTECTION D'ÉCOULEMENT ENTRANT DE LIQUIDE ET DISPOSITIF ÉLECTRONIQUE

Publication

EP 4261518 A1 20231018 (EN)

Application

EP 22899602 A 20221230

Priority

- CN 202210200493 A 20220303
- CN 2022143716 W 20221230

Abstract (en)

A method for controlling liquid ingress detection and an electronic device are provided. The method includes: controlling a liquid ingress detection circuit to start liquid ingress detection in a Type-C interface; stopping applying a voltage to first data pins when a detection result of the liquid ingress detection is that liquid ingress occurs in the Type-C interface, and obtaining a first parameter of a screen of the electronic device; when the first parameter of the screen is a screen-off state, controlling the liquid ingress detection circuit to start next liquid ingress detection in the Type-C interface after first duration; and when the first parameter of the screen is a screen-on state, controlling the liquid ingress detection circuit to start next liquid ingress detection in the Type-C interface after second duration, where the first duration is greater than the second duration. This application enables the electronic device to recognize a device connected to the Type-C interface timely.

IPC 8 full level

G01M 3/16 (2006.01)

CPC (source: EP US)

G01M 3/16 (2013.01 - EP); **G01R 31/52** (2020.01 - US); **G01R 31/69** (2020.01 - US); **G06F 11/3055** (2013.01 - US); **G06F 11/3058** (2013.01 - US); **Y02D 30/70** (2020.08 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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DOCDB simple family (application)

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